

Converting Colors

HunterLab(70.0952, -29.9005,
11.6618)

Have a look what the booklet for
HunterLab(70.0952, -29.9005,
11.6618) contains.

HunterLab(69.9452, -29.7177, 11.5897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.9452,
-29.7177, 11.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC9A7
RGB	125, 201, 167
RGB Percent	49%, 79%, 65%
CMY	0.5098, 0.2117, 0.3451
CMYK	0.38, 0.00, 0.17, 0.21
HSL	153°, 41%, 64%
HSV	153°, 38%, 79%
XYZ	36.3192, 48.9233, 44.0882
YIQ	174.4000, -34.3820, -26.6860

Conversions

Conversions Part 2

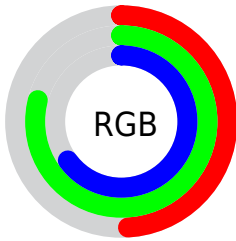
Format	Color
RYB	125, 174, 201
Decimal	8243623
CIELab	75.40, -31.15, 9.63
CIElCh	75, 32.607, 162.820
Yxy	48.9253, 0.2808, 0.3783
Android (android.graphics.Color)	4286433703 (0xFF7DC9A7)
YUV	174.4000, -3.6482, -43.3238
Hunter-Lab	69.9452, -29.7177, 11.5897

Details

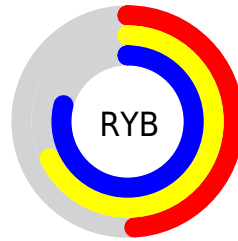
The HunterLab color **69.9452, -29.7177, 11.5897** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.3959, 28.4563, -1.7374**, and the grayscale version is **65.2513, -3.4816, 3.5452**.

A 20% lighter version of the original color is **93.0039, -32.6929, 12.6803**, and **48.4199, -25.2834, 9.5325** is the 20% darker color. If you saturate the color by 10%, you get **68.7323, -34.9067, 13.8340**, and if you desaturate by 10%, it is **71.3712, -23.8125, 9.4426**.

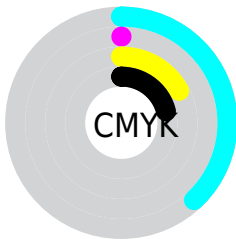
Distribution



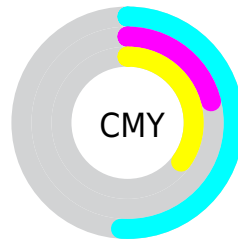
- Red (49%)
- Green (79%)
- Blue (65%)



- Red (49%)
- Yellow (68%)
- Blue (79%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (51%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.9452, -29.7177, 11.5897 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 69.9452, -29.7177, 11.5897 by changing the saturation by 10% instead.

■ 69.9452, -29.7177,
11.5897

■ 69.9452, -29.7177,
11.5897

195.5628,
-48.5429, 21.9524

■ 58.7880, -27.4166,
10.4889

■ 94.1172, -34.1317,
13.8122

■ 48.2953, -25.0265,
9.3885

■ 107.0698,
-36.2679, 14.9369

■ 38.5138, -22.5204,
8.2834

■ 120.5674,
-38.3692, 16.0731

■ 29.4998, -19.8570,
7.1640

134.5890,
-40.4421, 17.2217

■ 21.3250, -16.9703,
6.0148

149.1154,
-42.4920, 18.3834

■ 14.0867, -13.7466,
4.8075

164.1299,

■ 7.7353, -13.5368,

-44.5231, 19.5589

5.4147

179.6171,
-46.5391, 20.7485

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.9452, -29.7177,
11.5897

■ 69.9452, -29.7177,
11.5897

■ 68.7323, -34.9067,
13.8340

■ 71.3712, -23.8125,
9.4426

■ 67.7256, -39.3401,
16.1453

■ 73.0058, -17.2397,
7.4141

■ 66.9200, -43.0023,
18.4927

■ 74.8474, -10.0620,
5.5237

■ 66.3050, -45.9014,
20.8424


■ 76.8909, -2.3467,
3.7855


■ 65.8647, -48.0758,


■ 79.1299, 5.8374,


23.1582


2.2088


 65.5719, -49.6199,
25.3981

 81.5565, 14.4233,
0.7986

 65.5168, -49.9175,
25.8674

 82.9129, 19.3886,
-2.0773

 83.2248, 21.0050,
-6.4941

 83.5514, 22.6912,
-11.1009

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9466, -22.6575, 21.4039



69.9452, -29.7177, 11.5897



69.9466, -30.2097, -2.7020

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9466, -29.7187, 11.5905



69.9466, 2.9229, -29.4072



69.9466, 19.2144, 20.3049

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.9452, -29.7177, 11.5897



54.3959, 28.4563, -1.7374

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9466, 27.3749, 9.7457



69.9452, -29.7177, 11.5897



69.9466, 17.4389, -20.0293

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9466, -29.7187, 11.5905



69.9466, -12.2278, -28.6130



69.9466, 26.6984, -4.9876



69.9466, 5.1814, 25.6410

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9452, -29.7177, 11.5897



69.9466, -26.8148, -13.1518



69.9466, 26.6984, -4.9876



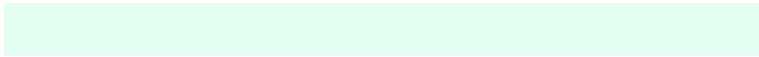
69.9466, 22.7873, 17.3592

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.9466, -29.7187, 11.5905



97.0982, -16.3878, 8.0329



71.1671, -26.9046, 27.2172



44.7672, -8.1839, 3.8726

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9466, -29.7187, 11.5905



90.2556, -44.2759, 17.4519



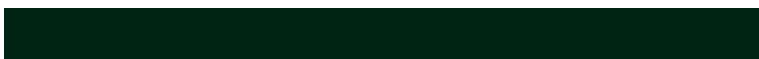
69.7155, -22.1120, -4.4256



34.6184, -5.2115, 2.6980



51.9681, -39.4697, 20.2482



11.3720, -8.1961, 3.4791

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.3959, 28.4563, -1.7374



66.2396, 46.0991, -2.7994



54.3573, 21.8263, 12.7134



32.7330, 1.7634, 1.0390



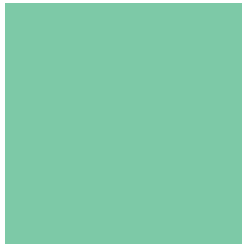
28.7904, 50.9759, 5.6473



6.3798, 11.5106, -0.4127

Previews

White Background



This preview shows how the HunterLab color 69.9452, -29.7177, 11.5897 looks on a white background.

Color Contrast Check

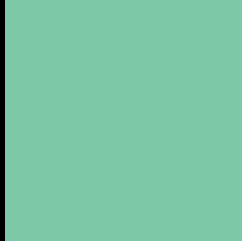
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 69.9452, -29.7177, 11.5897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

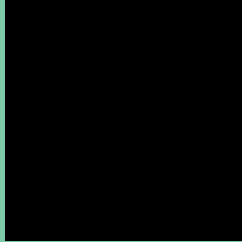
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 69.9452, -29.7177, 11.5897 Background



This preview shows how black text looks on a background with the HunterLab color 69.9452, -29.7177, 11.5897.



This preview shows how white text looks on a background with the HunterLab color 69.9452, -29.7177, 11.5897.

-29.7177, 11.5897.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.9452, -29.7177, 11.5897

Protanopia

69.4399, -4.4041, 15.0919

Deuteranopia

69.4473, 5.3864, 9.5661



Tritanopia

69.9173, -17.0059, -9.4757

Trichromacy



Original Color

69.9452, -29.7177, 11.5897



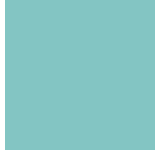
Protanomaly

69.1630, -14.6813, 13.4559



Deuteranomaly

68.9094, -8.7536, 9.5870



Tritanomaly

69.7839, -21.9120, -1.2489

Monochromacy



Original Color

69.9452, -29.7177, 11.5897



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

66.5501, -13.9991, 6.4378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.9452, -29.7177, 11.5897 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 201, 167)` looks like.

```
.text, #text, p{  
    color:rgb(125, 201, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 201, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 201, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 69.9452, -29.7177, 11.5897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 201, 167) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(125, 201, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(125, 201, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 201, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 201, 167);  
box-shadow:4px 4px 4px 4px rgb(125, 201,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.9452, -29.7177, 11.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 201, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
201, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor